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Abstract

5 In a projection device comprising a reflective light modulator (1) for generating an image, a light
source unit (3) for illuminating the light modulator 1, and comprising projection optics (6) which
include first and second partial optics (7, 8), said projection optics having an optical axis (OA),
each optical boundary surface (W1-W6) of each lens (15; 17-19) of the first partial optics is
curved and/or arranged such that, in a reference plane in which the optical axis (OA) of the
projection optics (6) is located and which is divided by the optical axis (OA) into upper and lower
10 half-planes (H1, H2), each reflection ray bundle (R1, R2; R3-R8) exiting the first partial
optics (7) proceeds completely either into the first or into the second half-plane (H1, H2), in
order to prevent the reflection ray bundles (R1, R2; R3-R8) from being projected onto the
projection surface (11).

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(Fig.1)

